

## INTEGRATED COOLING UNIT

### ABSTRACT

An integrated cooling unit configured to effect the removal of heat via a circulating liquid coolant includes a reservoir to contain the liquid coolant, a tubing arrangement disposed at an outer surface of the reservoir, a pump disposed within the reservoir, and a fan configured to provide a flow of air across the tubing arrangement to remove the heat. The tubing arrangement is fluidly communicable with a heat exchanging device, and the pump is configured to circulate the liquid coolant through the tubing arrangement to the heat exchanging device.

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